

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 210146843	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/SE 2004/000904	International filing date (day/month/year) 10 June 2004	(Earliest) Priority Date (day/month/year) 11 June 2003
Applicant HTC Sweden AB et al		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 3 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the language, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, see Box No. I.

2. Certain claims were found unsearchable (see Box No. II)

3. Unity of invention is lacking (see Box No. III)

4. With regard to the title,

the text is approved as submitted by the applicant.

the text has been established by this Authority to read as follows:

5. With regard to the abstract,

the text is approved as submitted by the applicant.

the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regard to the drawings,

a. the figure of the drawings to be published with the abstract is Figure No. 1

as suggested by the applicant.

as selected by this Authority, because the applicant failed to suggest a figure.

as selected by this Authority, because this figure better characterizes the invention.

b. none of the figures is to be published with the abstract.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2004/000904

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: B24B 7/18

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: A47L, B23Q, B24B, B25H

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE, DK, FI, NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	GB 1407192 A (WAGGONFABRIK UERDINGEN A.G.), 24 Sept 1975 (24.09.1975), page 2, line 74 - line 76; page 2, line 98 - line 103; page 3, line 4 - line 16, figures 1,7,8 --	1
A	US 2787096 A (H.H. RIDDELS ET AL), 2 April 1957 (02.04.1957), column 1, line 15 - line 39; column 3, line 27 - column 4, line 52, figures 1, 4-8 --	1,2
A	GB 1038924 A (LE MATERIEL DE VOIRIE), 10 August 1966 (10.08.1966), figure 1, claim 1 --	1-4

 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family

Date of the actual completion of the international search

27 Sept 2004

Date of mailing of the international search report

28-09-2004

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 2004/000904

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	FR 2619402 A1 (VALLERO JACQUES), 17 February 1989 (17.02.1989), figures 1-5, abstract --	1-4
A	US 1176262 A (P.ZOBOLI & G. VICENTINI), 21 March 1916 (21.03.1916), page 1, line 108 - page 2, line 5, figure 3, claim 1 --	1,2
A	US 1523049 A (J.A. CAMPBELL), 13 January 1925 (13.01.1925), figure 1 --	3
A	US 3748680 A (KENNETH EARL GRIFFIN), 31 July 1973 (31.07.1973), figures 1-4 --	1-4
A	US 4163302 A (VINCENT IABONI), 7 August 1979 (07.08.1979), figure 1, abstract --	1-4
A	US 4545156 A (WAYNE B. HOCKETT), 8 October 1985 (08.10.1985), figure 11 --	3
A	US 5280662 A (DENNIS K. VAN FOSSEN), 25 January 1994 (25.01.1994), figures 2, 10A-10D, abstract --	1-4
A	WO 02062524 A1 (THYSELL, HAKAN ET AL), 15 August 2002 (15.08.2002), figure 1, abstract, cited in the application --	1

INTERNATIONAL SEARCH REPORT

Information on patent family members

03/09/2004

International application No.

PCT/SE 2004/000904

GB	1407192	A	24/09/1975	AT	281074 A	15/04/1975
				AT	327722 B	10/02/1976
				BE	812580 A	15/07/1974
				CH	565009 A	15/08/1975
				DD	110205 A	12/12/1974
				DE	2316957 A	17/10/1974
				FR	2224252 A,B	31/10/1974
				IT	1004072 B	10/07/1976
US	2787096	A	02/04/1957	NONE		
GB	1038924	A	10/08/1966	FR	1403051 A	18/06/1965
				NL	6505786 A	08/11/1965
FR	2619402	A1	17/02/1989	NONE		
US	1176262	A	21/03/1916	NONE		
US	1523049	A	13/01/1925	NONE		
US	3748680	A	31/07/1973	NONE		
US	4163302	A	07/08/1979	NONE		
US	4545156	A	08/10/1985	EP	0102388 A	14/03/1984
				FI	833876 A	24/10/1983
				WO	8303071 A	15/09/1983
US	5280662	A	25/01/1994	US	5282290 A	01/02/1994
WO	02062524	A1	15/08/2002	AU	4131301 A	03/09/2001
				BR	0206409 A	30/12/2003
				CA	2435806 A	15/08/2002
				EP	1358043 A	05/11/2003
				JP	2004518542 T	24/06/2004
				NO	20032689 A	22/09/2003
				SE	518356 C	01/10/2002
				SE	0100416 A	07/08/2002
				US	20040077300 A	22/04/2004

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